

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1 1. (Currently Amended) An apparatus for improving productivity of human review of an
2 automatically transcribed output generated by an information processing system, wherein
3 the output is generated in response to an input, the apparatus comprising:
4 a. means for extracting an attribute from ~~the~~ an automatically transcribed output
5 generated by an information processing system in response to an input; and
6 b. means for selecting a specific one human reviewer from among of a plurality of
7 human reviewers based on the attribute.
- 1 2. (Original) The apparatus according to claim 1 wherein the attribute represents a subject
2 matter of the output, and further wherein the human reviewer is selected based on a
3 proficiency in the subject matter of the human reviewer.
- 1 3. (Original) The apparatus according to claim 1 wherein the attribute represents an author
2 of the input, and further wherein the human reviewer is selected based on a predetermined
3 designation by the author of the input.
- 1 4. (Original) The apparatus according to claim 1 further comprising means for transmitting
2 the input and the output to the selected human reviewer for review.
- 1 5. (Original) The apparatus according to claim 1 further comprising means for
2 automatically identifying potential errors contained in the output.
- 1 6. (Original) The apparatus according to claim 1 wherein the information processing system
2 includes a speech-to-text system.
- 1 7. (Currently Amended) An apparatus for facilitating review of an automatically transcribed
2 document generated by a media conversion system, wherein the document is generated in

3 response to an input, the apparatus comprising:

- 4 a. means for extracting a keyword from the document;
- 5 b. means for selecting a specific one reviewer from among of a plurality of reviewers
- 6 in response to the keyword; and
- 7 c. means for transmitting the input and the document to the selected reviewer for
- 8 review.

1 8. (Original) The apparatus according to claim 7 wherein the apparatus is configured for

2 coupling to a speech-to-text system.

1 9. (Original) The apparatus according to claim 7 further comprising means for storing a

2 plurality of reviewer profiles, wherein each of the reviewer profiles corresponds to one of

3 the plurality of reviewers, and further wherein the reviewer profiles are updated after the

4 reviewer finishes review of the document.

1 10. (Original) The apparatus according to claim 9 wherein the keyword represents a subject

2 matter of the document and further wherein each of the reviewer profiles includes words

3 commonly used within a specific field of knowledge.

1 11. (Original) The apparatus according to claim 10 wherein the keyword represents a name

2 of an author of the input.

1 12. (Original) The apparatus according to claim 10 wherein the means for selecting

2 compares the keyword with each of the reviewer profiles to select the reviewer according

3 to a predetermined selection criteria.

1 13. (Original) The apparatus according to claim 7 further comprising means for storing a

2 plurality of user profiles, wherein each of the user profiles corresponds to one of a

3 plurality of users of the apparatus, and further wherein the user profiles are adapted

4 dynamically with corrections made by the reviewer.

1 14. (Original) The apparatus according to claim 7 further comprising means for updating a
2 list of available reviewers.

1 15. (Original) The apparatus according to claim 7 further comprising:
2 a. means for analyzing associate portions of the document with a plurality of
3 confidence levels of conversion accuracy;
4 b. means for marking the portions according to a corresponding one of the plurality
5 of confidence levels; and
6 c. means for displaying each portion in a predetermined color representing the
7 corresponding one of the plurality of the confidence levels.

1 16. (Original) The apparatus according to claim 15 wherein the means for analyzing is
2 disposed to adaptively process the document according to information stored in the user
3 profiles.

1 17. (Original) The apparatus according to claim 7 further comprising:
2 a. means for selecting a portion of the document; and
3 b. means for outputting a portion of the input corresponding to the portion of the
4 document.

1 18. (Original) An apparatus for improving productivity of human review of an automatically
2 transcribed document generated by a speech-to-text conversion system, wherein the
3 document is generated from an audio recording recorded by an author, the apparatus
4 comprising:

- 5 a. a controller coupled to the speech-to-text conversion system for selecting an
6 appropriate one of a plurality of human reviewers to review the document
7 wherein, the controller is capable of extracting an attribute from the document
8 representative of a content of the document and further wherein the controller
9 stores a plurality of reviewer profiles corresponding to each one of the human
10 reviewers and provides the selected reviewer in response to the attribute;
11 b. a transmission device coupled to the controller for transmitting the document and

- 12 the audio recording to the selected reviewer;
- 13 c. means for analyzing the transcription to associate portions of the transcription
- 14 with a plurality of confidence levels of transcription accuracy, wherein each
- 15 portion is marked according to one of the plurality of confidence levels;
- 16 d. means for selecting one of the portions of the document in response to a command
- 17 from the reviewer; and
- 18 e. means for playing a portion of the voice recording corresponding to a selected
- 19 portion of the transcription.
- 1 19. (Original) The apparatus according to claim 18 wherein the controller also stores a list of
- 2 available reviewers, and further wherein the controller selects the selected reviewer in
- 3 response to comparing the attribute with the reviewer profiles and the list of available
- 4 reviewers.
- 1 20. (Original) The apparatus according to claim 18 wherein the attribute comprises a list of
- 2 keywords representative of a subject matter of the document and further wherein each of
- 3 the reviewer profiles comprises words relevant to the subject matter.
- 1 21. (Original) The apparatus according to claim 18 wherein the attribute comprises a name
- 2 of the author of the voice recording and further wherein each of the reviewer profiles
- 3 comprises a list of authors that a corresponding reviewer has served.
- 1 22. (Original) The apparatus according to claim 18 further comprising:
- 2 a. means for establishing a connection between an author of the voice recording and
- 3 the reviewer; and
- 4 b. displaying the document to solicit comments from the author.
- 1 23. (Original) The apparatus according to claim 18 wherein the means for analyzing is
- 2 disposed to adaptively process the document according to information stored in the user
- 3 profiles.

- 1 24. (Original) The apparatus according to claim 18 further comprising a means for
2 displaying for displaying the document for the reviewer.
- 1 25. (Original) The apparatus according to claim 24 wherein the means for displaying
2 comprises a color monitor.
- 1 26. (Original) The apparatus according to claim 18 wherein the means for selecting
2 comprises a speech recognition system for receiving verbal commands from the reviewer.
- 1 27. (Original) The apparatus according to claim 18 wherein each portion of the document is
2 displayed in a color representing a corresponding confidence level.
- 1 28. (Original) The apparatus according to claim 18 wherein the means for playing further
2 comprises means for varying a playback speed of the voice recording.
- 1 29. (Currently Amended) A method of improving productivity of human review of an
2 automatically transcribed document generated by an information processing system,
3 wherein the document is generated in response to an input, the method comprising the
4 steps of:
5 a. extracting an attribute from the document; and
6 b. selecting a specific one human reviewer from among of a plurality of human
7 reviewers based on the attribute.
- 1 30. (Original) The method according to claim 29 wherein the step of selecting includes
2 comparing the attribute with a plurality of reviewer profiles each corresponding to a
3 respective one of the plurality of reviewers.
- 1 31. (Original) The method according to claim 29 wherein the step of selecting includes the
2 steps of:
3 a. identifying an author of the input;
4 b. retrieving stored data about the author, wherein the stored data includes a roster of

- 5 the reviewers who have previously served the author; and
6 c. choosing one of the reviewers from the roster.

- 1 32. (Original) The method according to claim 29 further comprising the steps of:
2 a. automatically identifying a portion of the document which is potentially
3 erroneous;
4 b. playing an audio portion of the voice recording corresponding to the portion of the
5 document upon a command of the human reviewer; and
6 c. making corrections to the document.

- 1 33. (Original) The method according to claim 32 wherein the audio portion of the voice
2 recording is played back at a reviewer selectable speed.

- 1 34. (Original) The method according to claim 29 further comprising the steps of:
2 a. analyzing the transcription with a plurality of confidence levels of transcription
3 accuracy; and
4 b. displaying each of the portions in a predetermined color according to the
5 confidence level.

- 1 35. (Original) The method according to claim 29 further comprising the step of automatically
2 correcting grammatical and typographical errors of the transcription.

- 1 36. (Original) The method according to claim 29 further comprising the steps of:
2 a. establishing a connection between an author of the voice recording and the
3 reviewer; and
4 b. displaying the transcription to the author to solicit comments.